

Glanders and the Mallein Test.

It seems unfortunate that at this late stage of veterinary knowledge there are even yet some doubting Thomases regarding the efficacy of mallein as a diagnostic agent for glanders. Some men possessing veterinary certificates are not guiltless in this respect, and as such are no longer entitled to the public confidence. The average veterinarian makes his living by treating non-malignant diseases of animals, but while that is the case, his position in the community is such as to render it imperative that he should not only take pains to thoroughly inform himself as to the latest scientific research in animal diseases communicable to man, but that he should also render all possible assistance to the government inspectors in their very difficult positions and also in their work which requires not only accurate professional knowledge but considerable tact and diplomacy. In this respect it may be mentioned that mallein is sufficiently reliable, as to render entirely unnecessary the jeopardizing of any human life by holding postmortems in an attempt to verify the accuracy of a test which needs no such verification. The man who is not satisfied that gunpowder is dangerous unless he applies a match, or is close by to see another do it, has no business on this mundane sphere, neither has the chap who would risk holding postmortems on reactors. Any life insurance company would be justified in repudiating a policy to a man exhibiting such stupidity or bravado. It may be set down that carefully and properly performed the mallein test is an accurate test, and that along with the system of compensation now in force by the Dominion authorities

be combined or financed for the purpose of enhancing the price of his products so that his interests should be the especial care of the government even if he were not such an important factor in our economic fabric. Through the tariff an affirmative improvement in markets can be effected by reducing the "protection" upon articles of ordinary use upon the farm. The time to form a fixed opinion upon the tariff is opportune and we trust the government will improve it.

A Touch of Nature that Makes us Kin.

The inevitable has happened and the potato bug or Colorado beetle, or Doryphora decemlineata has reached the land of free homes for millions in such numbers that attention has been directed to him. Small squads of this invading host have put in appearance in the past but this year they are here in countless millions. Their descent upon some of the potato fields of Manitoba was "so sudden" that it found the owners absolutely unprepared and the wholesale drug companies without a pound of Paris green, so that eggs were laid, young beetles hatched, whole fields devoured, old beetles safely matured and hibernated before any concerted check was put upon them.

The advent of the potato beetle in wholesale quantities marks an epoch in western agriculture. It means that wherever the "bug" makes its appearance, and it is ubiquitous, that the potato crop will have to be reduced or elaborate apparatus for spraying purchased and persistently used.

Doubtless, the coming of the potato bug will be considered somewhat of the nature of a

out strong at this or that fair; so many things are likely to happen show stock that the true sportsman, who desires to really know where he stands and what progress he is making as a breeder and feeder, will come with his exhibits in any event, and if elected to be a loser he will die game. The various exhibition associations need to safeguard the interests of the little chaps as far as can be consistently done with the maintenance of high quality of exhibits. The history of live stock shows in Great Britain is, that many a time has the tenant beaten the rich landlord with live stock, and it is well to remember that, "history repeats itself!"

HORSE

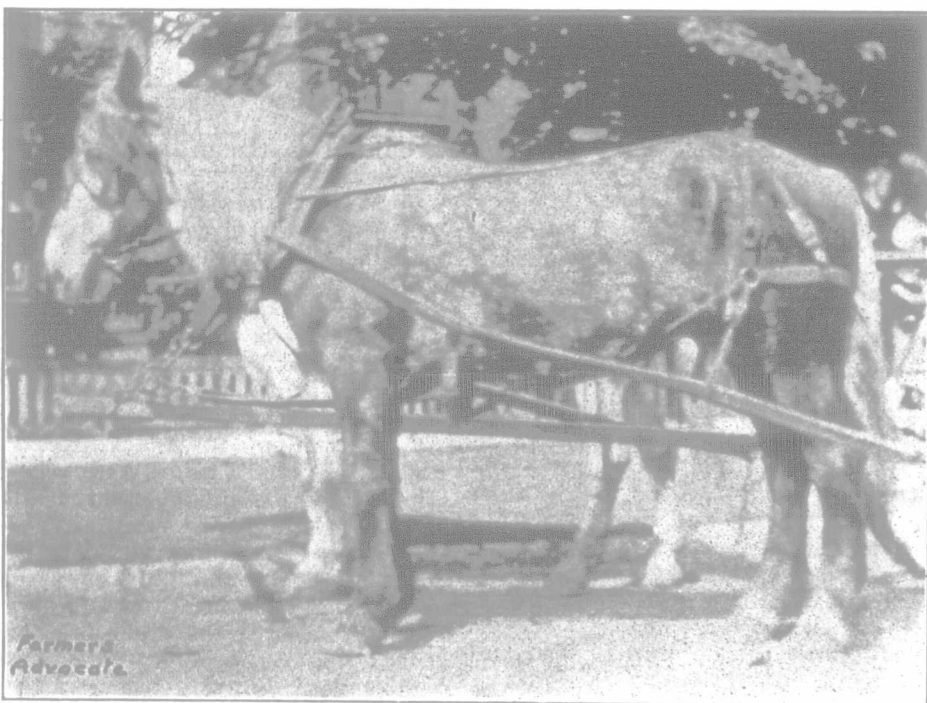
See that the stallion does not have to undergo too sudden a change from road work to idleness in a box stall.

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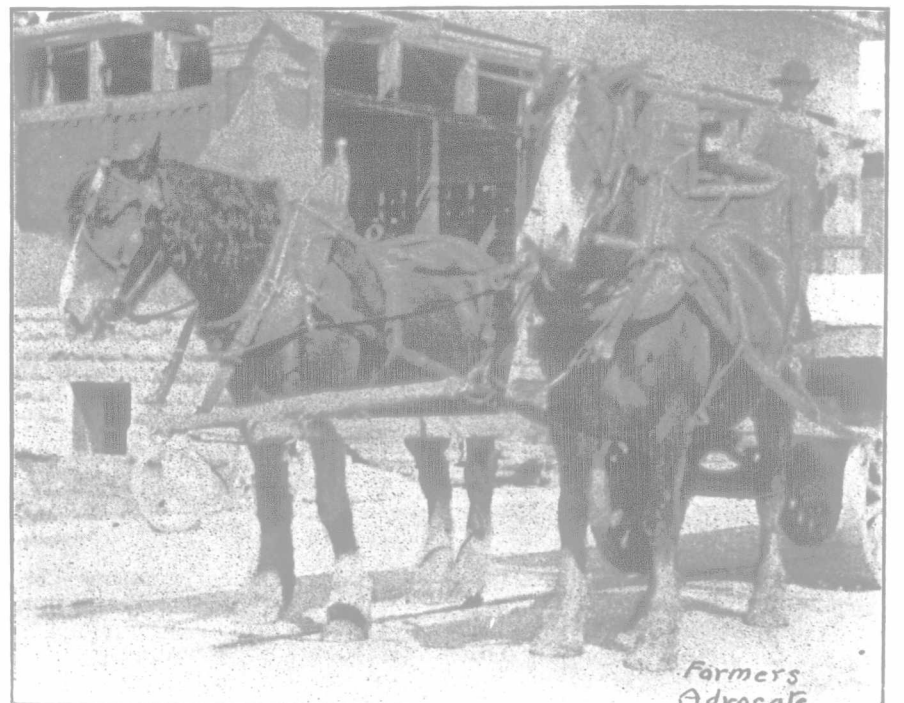
It is reported that Winnipeg parties have purchased the Bronco 2.24. This is one of the big money making mares of the track.

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Study the possible reasons a judge may have for placing one horse above another in the ring and in this way become a thorough judge yourself.



TEAM OF HEAVY WORKERS, PERCHERON GRADES.



HEAVY DRAFTERS, CLYDESDALE GRADES.

affords the very best method of stamping out this desire so very dangerous to man and fatal to horses and mules.

Protecting the Source of Wealth.

The state of the crops is now the chief concern of the populace. Every year as this season comes around there is a keen interest evinced in the affairs of the farmer. Without stopping to inquire why the human race accepts the primitive realization that the farm is the basis of all wealth and that we must turn annually to it for supply. Great railway enterprises boast of the magnitude of their accomplishments, of the huge armies they sustain by the employment they furnish, mammoth manufacturing concerns point to their contributions to the world of commerce and to their achievements in converting raw material into finished merchandise. The whole fabric of urban civilization constantly flatters itself that upon it devolves the responsibility of maintaining terrestrial cosmos. Yet each summer anxious eyes are turned upon the man who tills his few acres and the eternal interrogation is in the look—Will he provide us with sustenance?

The situation is remarked upon at this time, for the reason that our government is making up its mind upon its fiscal policy. The manufacturers association continually exerts itself to secure favorable tariffs on the ground that the work of its members is of such inestimable value to the nation. The farmer is so situated that he cannot

calamity by those who look only upon the surface but there is also a significance in it of other things. It means that the impression that our climate is too frigid for the ten lined Doryphora has been erroneous. We now have an ocular demonstration that our atmosphere is salubrious, we now take our place beside the provinces and states that have all along been accredited with a tolerable climate because the potato bug endured it. We can now feel a closer bond with other peoples because their troubles have become our troubles and when we meet with them there will be one common ground for discussion; we all know the potato "bug".

Would Scare out the Little Fellows.

Reports coming in from time to time, re possible competitors at some of the bigger live stock shows, are evidence that the ways of 'bulls and bears' are as well understood by some of the present day show men as by their confreres on the stock exchanges. We trust the little fellows will come forward, as many a report is issued which does not deserve credence, the sole object being to scare some away and thus render the winnings of some larger and more certain.

One reason why these attempts at bluffing are successful is that some stockmen lack the true sportsmanlike spirit, they will not play unless certain of winning, and thus lose a valuable opportunity to advertise their wares to the public.

It is well to remember, that old a fox "there's many a slip, twist cup and lip" who listens to a story as to how this chap or the other has won

The Belgian Horse.

EDITOR FARMER'S ADVOCATE:

Your issue of July 11th, contained an article on the subject of Belgian draft horses. The article was very unfavorable, and included statements about this breed of horse which are absolutely incorrect. As a Belgian, and a member of an association known as "Le Cheval de Trait Belge," the headquarters of which are at No. 20 rue Royale, Brussels, I ask your courtesy for the publication of this letter in protest. The success obtained by the Belgian horses at the Paris Universal Exposition is a fact known to the whole world, and has most thoroughly established their value as draft horses. The International Jury awarded them the world's championship among all the breeds of horses for heavy and light draft. At page 30 of the Album you will find pictures of the two horses which were victorious over all competitors. The International Jury based its judgment upon the fact that the Belgian horses united in the highest degree all the necessary proportions to furnish the maximum of force for hauling purposes.

In Canada this year, in the Province of Quebec alone, there are 65 Belgian stallions, distributed in the different counties, where they have been introduced since 1902, under the supervision of the Provincial Government, and their progeny, a large number of which are already fully grown, prove that by this crossing the breed has produced the very best results, and they sell for prices